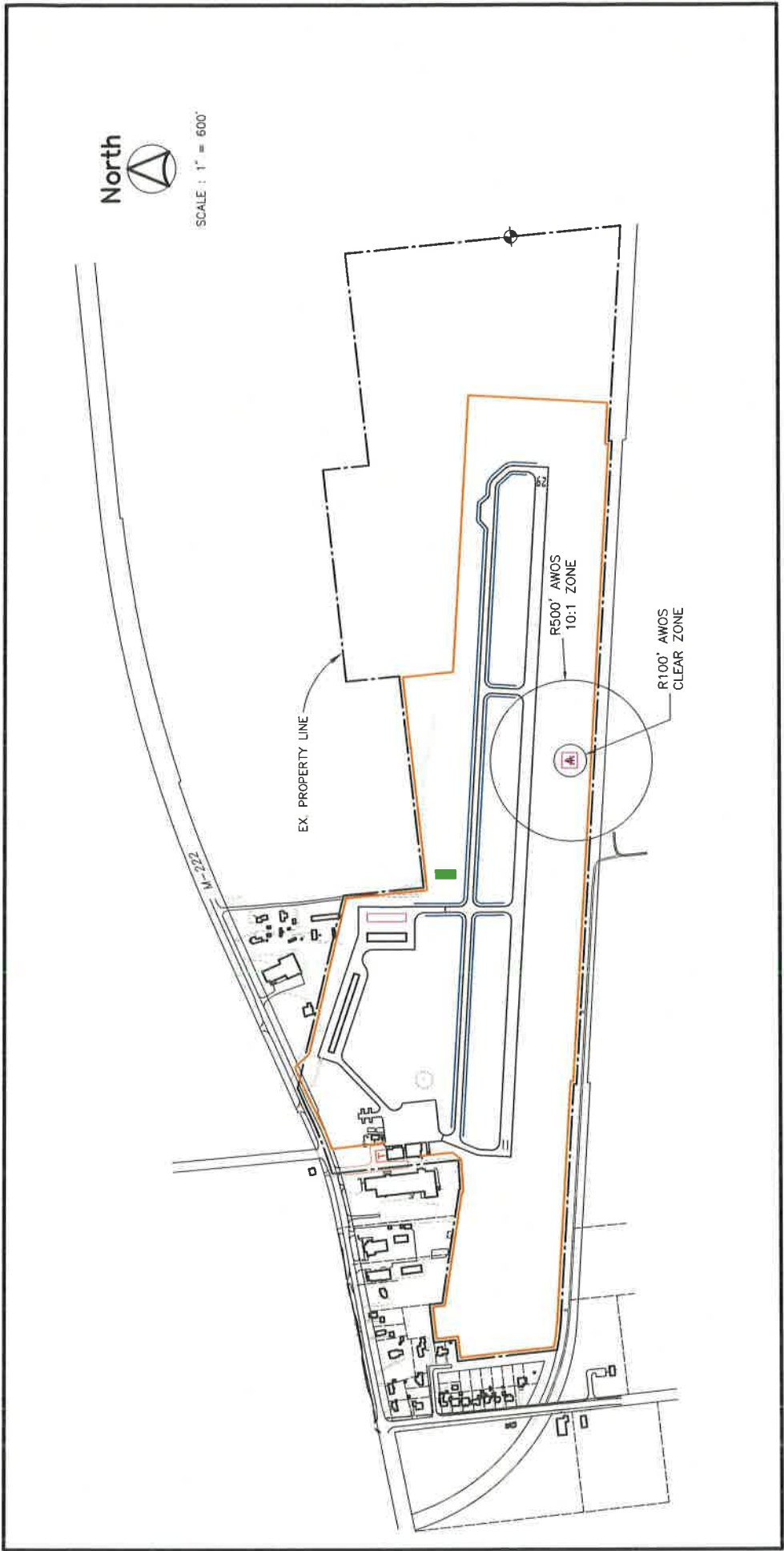


MICHIGAN STATE BLOCK GRANT PROGRAM AIRPORT CAPITAL IMPROVEMENT PROGRAM (CIP) FY-2014 to FY-2024												
Airport Name: Padgham Field		Airport Identifier: 35D										
Associated City: Allegan, Michigan		Prepared By: James A Cook, P.E., Principal Engineer										
Sponsor: City of Allegan		Sponsor contact info: maird@cityofallegan.org 269-685-1113										
Development Year	Project Description	On ALP** (Y or N)	ACIP** Code	NPIAS** Priority Rating	Federal Entitlements	Federal Apportionment	Federal Discretionary	State	Local	Total	Remarks/Item Justification	
2014	T-Hangars Reimbursement	Y	ST-BD-MS	31	\$109,250			\$5,750		\$115,000	Sponsor seeks reimbursement for extra local share advanced in 2013 to construct ten-unit t-hangar.	
2014	Reimbursement for Integrated Contingency Plan for Fuel System	N	PL-PL-MS	54	\$9,000			\$500	\$500	\$10,000	ICP needed to satisfy MDEQ requirement.	
2014	Terminal Bldg. Improvements Preliminary Engineering Study	Y	ST-TE-IM	33	\$9,000			\$500	\$500	\$10,000	Needs assessment and eligibility determination for addition to the existing terminal building.	
2014	Pavement Marking	N	RE-RW-IM	68	\$14,850			\$825	\$825	\$16,500	Sponsor requests remarking all airport pavement markings, last marked in 2008, using State Program.	
2014	Crack Sealing	N	RE-TW-IM	68	\$1,800			\$100	\$100	\$2,000	Sponsor requests crack sealing in accordance with recommendations in the 2010 Pavement Management Report using State Program.	
2015	Terminal Building Improvements	Y	ST-TE-IM	33	\$175,500			\$9,500	\$9,500	\$195,000	Insufficient space for pilot activities and inadequate restroom facilities.	
2016	AWOS	N	ST-EQ-WX	44	\$144,000			\$8,000	\$8,000	\$160,000	Improve weather reporting capabilities.	
2017	Carry Over to 2019											
2018	Carry Over to 2019											
2019	T-Hangars	Y	ST-BD-MS	31	\$450,000			\$25,000	\$25,000	\$500,000	Replace aging hangars and satisfy anticipated demand.	
2020	Carry Over to 2021											
2021	Animal Control Fencing	N	ST-EQ-SE	40	\$315,000			\$17,500	\$17,500	\$350,000	Safety and security.	
2022	Light Taxiways	Y	ST-TW-LI	44	\$153,000			\$8,500	\$8,500	\$170,000	Improve visibility for night/low visibility operations.	
2023	ALP Update	N	PL-PL-MA	64							ALP update to evaluate need to extend Runway 11/29 by 1,000.	

*Proposed airport development must be shown on current FAA-approved ALP prior to funding project.

**In accordance with FAA Order 5100.39A, Appendix 6 - Fields should be completed (Refer to Airport Code spreadsheet provided on MDT Aeronautics website under Block Grant Program for specific airport code)



PADGHAM FIELD
ALLEGAN, MICHIGAN

TEN-YEAR DEVELOPMENT PLAN

SITE MAP

Pratt & Newhof
2060790
AUGUST 2013

LEGEND

	2015 TERMINAL BUILDING IMPROVEMENTS		2019 T-HANGARS
	2016 AWOS		2021 ANIMAL CONTROL FENCE
			2022 TAXIWAY LIGHTS

**TEN YEAR ACIP
FOR
PADGHAM FIELD**

CITY OF ALLEGAN, MI

Revised October 25, 2013

2014 T-HANGAR (Phase 1)

The Sponsor requests reimbursement for federal and state share of the amount advanced by Sponsor due in 2013 to complete the project due to insufficient carryover and 2013 funds.

Federal	\$109,250
State	\$ 5,750
Total Reimbursement	\$115,000

2014 Integrated Contingency Plan

The Sponsor requests reimbursement for the costs to prepare an Integrated Contingency Plan which is being required by MDEQ in relation to the Sponsor's fueling operation. The Sponsor will pay for the plan up front in order to get it completed as soon as possible in accordance with direction from MDEQ.

Federal	\$9,000
State	\$ 500
Total Reimbursement	\$9,500

2014 Pavement Marking

The Sponsor requests remarking all airport pavement markings using the State marking program. These markings haven't been remarked since they were originally placed in 2008.

Federal	\$14,850
State	\$ 825
Local	\$ 825
Total Reimbursement	\$16,500

2014 Crack Sealing

The Sponsor requests crack sealing limited taxiway and apron areas according to recommendations from the 2010 Pavement Management Plan using the State crack sealing program.

Federal	\$1,800
State	\$ 100
Local	\$ 100
Total Reimbursement	\$2,000

2014/2015 NEW TERMINAL BUILDING

The current terminal building is part of the existing FBO hangar. It lacks adequate space for a pilot lounge area, pilot flight planning area and ADA restrooms. The Sponsor wishes to expand the terminal building along the north side to provide this space. A preliminary study will be conducted in 2014 to better determine space needs and layout.

Cost Estimate

2014 Preliminary Study	\$ 10,000
2015 Terminal Building Improvements	\$175,000
2015 Design and Construction Engineering	<u>\$ 20,000</u>
2015 Total	\$195,000

	<u>2014</u>	<u>2015</u>
Federal	\$9,000	\$175,500
State	\$500	\$ 9,500
Local	\$500	\$ 9,500

2016 AWOS

Sponsor requests development of an AWOS for improved weather reporting capability.

Cost Estimate

Total Construction	\$150,000
Engineering	<u>\$10,000</u>
Total	\$160,000
Federal	\$144,000
State	\$8,000
Local	\$8,000

2019 T-HANGAR (Phase 2)

The Sponsor expects demand for hangar space will require additional units to be constructed by this time to replace the old T-hangars that will be demolished and to satisfy additional demand. Location of this ten unit building may be either where the old T-hangar building is currently located or east of 29th Street.

Cost Estimate

T-hangar Bldg. & site work	\$450,000
Engineering	<u>\$50,000</u>
Total	\$500,000

Federal	\$450,000
State	\$25,000
Local	\$25,000

2021 ANIMAL CONTROL FENCING

Padgham Field is located adjacent to wooded areas along the south and east and a stream crosses just east of the main runway. Along with agricultural land to the east, this is prime habitat for deer which are regularly seen on the airport. The Sponsor wishes to construct a ten foot high fence around the perimeter of the airport to enhance safety. Security will also be improved by discouraging people from crossing the airport from residential areas to a recreation area south of the airport, and by providing gated access to hangars.

Cost Estimate

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Amount</u>
Mobilization & General Condition	1	Lsum	\$5,000	\$5,000
Safety & Security	1	Lsum	\$1,000	\$1,000
10' Chain Link Fence	15,000	Lft	\$18	\$270,000
Clearing, Gates, Misc.	1	Lsum	\$44,000	<u>\$44,000</u>
Total Construction				\$318,000
Engineering				<u>\$32,000</u>
Total				\$350,000
Federal				\$315,000
State				\$17,500
Local				\$17,500

2022 TAXIWAY LIGHTS

Taxiways are currently marked by reflectors. If activity warrants, the Sponsor wishes to install medium intensity taxiway lights on all taxiways.

Cost Estimate

<u>Item</u>	<u>Quantity</u>	<u>Unit</u>	<u>Price</u>	<u>Amount</u>
Mobilization & General Conditions	1	Lsum	\$5,000	\$5,000
Safety & Security	1	Lsum	\$2,000	\$2,000
Cable & Trench	10,000	Lft	\$4	\$40,000
MITL	120	each	\$550	\$66,000
Vault Equipment	1	Lsum	\$10,000	\$10,000
Guidance Signs	10	each	\$2,500	<u>\$25,000</u>
Total Construction				\$148,000
Engineering				<u>\$22,000</u>
Total				\$170,000
Fed				\$153,000
State				\$8,500
Local				\$8,500

2023 ALP Update

The City's largest employer purchased a business jet that requires more runway length than currently available at Padgham Field. This corporation's headquarters is less than a mile from the airport. The City would like to update the ALP to evaluate the feasibility of extending the runway to accommodate the corporate jet and facilitate continued economic development in the area. No cost estimate has been prepared at this time.